

Scout Name _____ Date _____

Measuring Objects and Distances

Start by using the measuring tape or yardstick to measure the measuring tools that you always take with you – yourself

Arm Span _____

Arm Reach _____

Hand span _____

Finger Length _____

Foot Length _____

Height _____

Next, using a measuring tape, find a large area and mark out a 100 foot course.

Then, walking at a normal pace, walk from one end of the 100 foot course to the other end counting your steps as you walk.

Write the total number of steps it took you to cover the 100 foot course _____

Divide the total number of your steps into 100 to find the length (in feet) of one of your normal steps _____

Orienteering Course Worksheet

Start at the main parking area of Pleasanton Ridge Regional Park

1. Head uphill past the large posted park information board and walk through the main pedestrian gate.
2. After you pass through the gate, and begin your hike, you will find a large tree stump along the road on the left hand side. Using your personal measuring tools measure the width of the tree stump. _____
3. Continue hiking on the road as it travels uphill

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4. After approx. (.15) miles you will come to a trail junction with a small steep trail on the left side of the road (trail marker #2). The name of the road/trail that travels away from your location at 258 degrees is the _____ trail
5. Continue hiking on the road (**not** the small steep trail) as travels uphill
6. After approx. (.49) miles you will come to another trail junction (trail marker #3). Using your compass determine what direction (in degrees) the Sycamore Grove Trail travels away from your location _____ degrees
7. Continue hiking on the Oak Tree Trail as it continues to travel uphill.
8. After approx. (.38) miles you will come to an unmarked trail junction with a small, trail on the left side of the road, named the Woodland trail. The Woodland trail travels away from your location at 100 degrees and goes in what direction?
Downhill Uphill (circle the right answer)
9. Continue on the Woodland trail for approx. (.69) miles until you come to the trail junction with the Oak Tree Trail. Looking to your right the Oak Tree Trail travels away from your location at _____ degrees.
10. Follow the Sycamore Grove trail downhill.
11. As you near the parking lot **STOP** at the same large tree stump that you previously measured (it will be on the right side of the road). Using the “Stick” or the “Felling” method measure the height of the wooden outhouse that is just past the main pedestrian gate. _____
12. Continue down the road, through the main pedestrian gate, and into the parking lot. This completes the Orienteering Course.

Please turn in your completed Orienteering Worksheet to your Scout leader